\$385.00

22857 U.S. PT 10/814711

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAIL STOP PATENT APPLICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application entitled

A RECURSIVE LEAST SQUARES APPROACH TO CALCULATE MOTION PARAMETERS FOR A MOVING CAMERA

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Ву:	Samuel Henry Chang, J. Joseph Fuller, Ali Farsaie and Leslie Ray Elkins				
1.	Type of Application ☑ Original (non-provisional)				
2.	Required Papers Enclosed under 37 CFR 1.53(b) (Regular): 14 Pages of specification 8 Pages of claims 1 Page of Abstract Sheets of Drawings (Figures 1-9)				
3.	Declaration or oath Enclosed				
4.	Preliminary Amendment Enclosed				
5.	Assignment An assignment of the invention to: A check in the amount of \$ is enclosed as well as the "Assignment Recordation Form Cover Sheet".				
6.	Priority Priority is hereby claimed to Patent Application No. filed .				
7.	Information Disclosure Statement Enclosed Form 1449 PTO References				
8.	Applicant claims small entity status (see 37 CFR 1.27).				
9.	Fee Calculation (37 CFR 1.16)				
CLAIMS AS FILED					
(1) FOR		(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS (37 CFR 1.16(c))		20 - 20 =	0	x \$ 9	= \$0.00
INDEPENDENT CLAIMS (37 CFR 1.16(b))		3 - 3 =	0	x \$43	= \$0.00
	LE DEPENDENT CLAIMS LICABLE) (37 CFR 1.16(d))		ANY 0	\$ 290	= \$0.00
BASIC FEE (37 CFR 1.16(a)) \$385.					

 \boxtimes 10. A check in the amount of \$385.00 is enclosed. 11. **Authorization to Charge Deposit Account** The Commissioner is hereby authorized to charge the following additional fees or credit any overpayment during the entire pendency of this application to Deposit Account No. 06-0308. 37 CFR 1.16(a), (f) or (g) (filing fees) 37 CFR 1.16(b), (c), and (d) (presentation of extra claims) 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application) 12. Please address correspondence and direct telephone calls to: Philip J. Moy, Esq. Fay, Sharpe, Fagan, Minnich & McKee, LLP 1100 Superior Avenue, Seventh Floor Cleveland, OH 44114-2518 Telephone: 216/861-5582 Facsimile: 216/241-1666 Email: pmoy@faysharpe.com Respectfully submitted, FAY, SHARPE, FAGAN, MINNICH & McKEE, LLP 3/31/04 Philip J. Moy, Reg. No. 31,280 John P. Cornely, Reg. No. 41,687 1100 Superior Avenue, 7th Floor Cleveland, Ohio 44114-2518 216/861-5582 **CERTIFICATE OF EXPRESS MAILING** I certify that this New Application Transmittal and accompanying documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated below and is addressed to: MAIL STOP PATENT APPLICATION, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450. **Express Mail Label No.:** Signature EL 964453493 US

March 31, 2004

Date

Iris E. Weber

Printed Name